

**What is claimed is:**

1           1.    An electronic device comprising:  
2           a motherboard;  
3           a liquid crystal display; and  
4           a converter board, coupled to the motherboard and  
5           the liquid crystal display respectively, for  
6           converting a first signal from the motherboard  
7           to a second signal suitable for use by the  
8           liquid crystal display.

1           2.    The electronic device as claimed in claim 1,  
2    further comprising:  
3           a first cable, connecting the motherboard and the  
4           converter board, for transmitting the first  
5           signal to the converter board; and  
6           a second cable, connecting the converter board and  
7           the liquid crystal display, for transmitting  
8           the second signal to the liquid crystal  
9           display.

1           3.    The electronic device as claimed in claim 2,  
2    further comprising:  
3           a supporting member, disposed between the  
4           motherboard and the converter board, for  
5           maintaining a predetermined distance between  
6           the motherboard and the converter board.

1           4.    The electronic device as claimed in claim 1,  
2    further comprising:  
3           a first connector disposed on the motherboard; and

4 a second connector, corresponding to the first  
5 connector, disposed on the converter board,  
6 wherein the first signal is transmitted to the  
7 converter board by the first connector  
8 connected to the second connector.

1 5. The electronic device as claimed in claim 4,  
2 wherein both the first connector and the second connector  
3 are LVDS type.

1 6. The electronic device as claimed in claim 5,  
2 wherein the converter board is LVDS type.

1 7. The electronic device as claimed in claim 4,  
2 wherein both the first connector and the second connector  
3 are TMDS type.

1 8. The electronic device as claimed in claim 7,  
2 wherein the converter board is TMDS type.

1 9. The electronic device as claimed in claim 4,  
2 further comprising:

3 a third cable connecting the first connector and the  
4 second connector; and

5 a supporting member, disposed between the  
6 motherboard and the converter board, for  
7 maintaining a predetermined distance between  
8 the motherboard and the converter board.

1 10. The electronic device as claimed in claim 1,  
2 further comprising:

3 a third connector disposed on the liquid crystal  
4 display; and

5 a fourth connector, corresponding to the third  
6 connector, disposed on the converter board,  
7 wherein the second signal is transmitted to the  
8 liquid crystal display by the third connector  
9 connected to the fourth connector.

1 11. The electronic device as claimed in claim 10,  
2 wherein both the third connector and the fourth connector  
3 are LVDS type.

1 12. The electronic device as claimed in claim 11,  
2 wherein the converter board is LVDS type.

1 13. The electronic device as claimed in claim 10,  
2 wherein both the third and fourth connectors are TMDS  
3 type.

1 14. The electronic device as claimed in claim 13,  
2 wherein the converter board is TMDS type.

1 15. The electronic device as claimed in claim 10,  
2 further comprising:

3 a fourth cable connecting the third connector and  
4 the fourth connector.

1 16. The electronic device as claimed in claim 1,  
2 wherein the motherboard is mini ITX type.

1 17. The electronic device as claimed in claim 1,  
2 wherein the liquid crystal display is a liquid crystal  
3 display module.

1 18. A conversion module for a liquid crystal  
2 display and a motherboard, comprising:

3           a converter board for converting a first signal from  
4           the motherboard to a second signal suitable for  
5           use by the liquid crystal display;  
6           a first connector disposed on the converter board  
7           and coupled to the motherboard; and  
8           a second connector disposed on the converter board  
9           and coupled to the liquid crystal display,  
10          wherein the first signal is transmitted to the  
11          converter board and the second signal is  
12          transmitted to the liquid crystal display by  
13          the first connector and the second connector.

1           19. The conversion module as claimed in claim 18,  
2           wherein the first connector and the second connector are  
3           located at opposite sides of the converter board.

1           20. The conversion module as claimed in claim 18,  
2           wherein both the first connector and the second connector  
3           are LVDS type.

1           21. The conversion module as claimed in claim 20,  
2           wherein the converter board is LVDS type.

1           22. The conversion module as claimed in claim 18,  
2           wherein both the first connector and the second connector  
3           are TMDS type.

1           23. The conversion module as claimed in claim 22,  
2           wherein the converter board is TMDS type.

1           24. The conversion module as claimed in claim 18,  
2           further comprising:

3 a first cable connecting the first connector and the  
4 motherboard.

1 25. The conversion module as claimed in claim 24,  
2 further comprising:

3 a supporting member, disposed between the  
4 motherboard and the converter board, for  
5 maintaining a predetermined distance between  
6 the motherboard and the converter board.

1 26. The conversion module as claimed in claim 18,  
2 further comprising:

3 a second cable connecting the second connector and  
4 the liquid crystal display.